



(19)

(11) Publication number: **03236311 A**

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: **02029815**

(51) Intl. Cl.: **A61K 7/13**

(22) Application date: **09.02.90**

(30) Priority:

(43) Date of
application publication: **22.10.91**

(84) Designated
contracting states:

(71) Applicant: **KAO CORP**

(72) Inventor: **YOSHIHARA TORU
KAWASE JIRO**

(74) Representative:

(54) **HAIR TREATMENT COMPOSITION**

(57) Abstract:

PURPOSE: To obtain a hair treating composition, containing an extract of green tea leaves prepared by fractionating an extract of the green tea leaves and having hair dyeing effects and hardly exhibiting contact allergic action.

CONSTITUTION: A composition for treating hair obtained by adsorbing an extract from green tea leaves with water and/or a hydrophilic organic solvent (preferably methanol or acetone) on a resin having ≤ 10 solubility parameter, then eluting the adsorbed substance with an aqueous solution of a lower alcohol or acetone, collecting a fraction with 5-15vol./vol.%, especially 5-10vol.%/vol.% aforementioned alcohol or acetone and concentrating or drying the collected fraction and containing the above-mentioned extracted substance in an amount of 0.1-10wt.%, preferably

02/06/2002 4:23 PM

0.1-10wt.%, preferably
0.1-5wt.% based on the dry
weight therein. The
aforementioned composition is
colored by iron ions present in
tap water during daily use and
capable of dyeing gray hair to
deep purple to black color and
slowly making the gray hair
inconspicuous.

COPYRIGHT:
(C)1991,JPO&Japio